

Memorandum



Date: January 17, 2008

To: Honorable Chairman Jose "Pepe" Diaz
and Members, Airport & Tourism Committee

ATC
Agenda Item No.
7(D)

From: George M. Burgess
County Manager

A handwritten signature in dark ink, appearing to read "G. Burgess", written over the printed name of George M. Burgess.

Subject: Miami-Dade Aviation Department Capital Improvement Program Report

The Miami-Dade County Board of County Commissioners (BCC) adopted a Master Plan for Miami International Airport (MIA) and approved a \$6.2 billion Capital Improvement Program (CIP). The CIP at MIA includes an expanded and efficient airfield with four runways and several new taxiways, expanded parking, a central collection plaza, additional lanes at upper/lower terminal drives, and enhanced connections to the surrounding expressways and Miami Intermodal Center (MIC)/Rental Car Center. The Terminal is expanding from 3.5 million to 7.4 million square feet with 101 international gates and 26 domestic gates, for a total of 127 gates with 555 ticket counters and 120 Self-Service Devices (SSD). Separate Federal Inspection Services (FIS) locations in North, Central and South Terminals will have the capacity to process 7,400 passengers per hour.

The following is the status of the two major components of the CIP: North Terminal Development (NTD) Program and South Terminal Development (STD) Program:

NORTH TERMINAL PROGRAM

Contractual Issues

- Parsons-Odebrecht Joint Venture (POJV)
 - The majority of Trade contracts have been executed. No change from previous update.
- Terminal Wide Improvement (TWI) project
 - Bids from MCM-Dragado Joint Venture and The Tower Group were opened on October 19, 2007. The low bidder was approximately 15% higher than the owner's estimate and, both bids were rejected.
 - We have consulted with both bidders on suggestions for changes in general conditions, substitutions and scope to bring the cost within budget. Based on those consultations, revisions were made to the bid specifications and a request made to these two bidders for a best and final offer. Cost proposals were received on December 19, 2007. One bidder's best and final offer came within budget, and we are prepared to recommend contract award to that bidder; The Tower Group, Inc.

General Construction

- Daily total NTD manpower level is approximately 700 workers counting all Contractors working at the NTD construction site.
- Daily POJV manpower level is approximately 600 workers.

A-B Infill Project

- Foundation - All pile work on the North side of the Terminal building has been completed. Pile work on the South side of the Terminal building is to proceed now that Concourse A has been closed and is pending completion of staging areas.

A-B Infill Project (Cont.)

- Shell - Second and third level columns and floor slabs for the building North of the terminal have been completed. Framing of fourth level slab is ongoing.

Federal Inspection Services – Facility Buildout

- Levels 3 & 4 drywall partition framing completed. Rough MEP (mechanical, electrical, plumbing) in progress.

Ramp Control Tower at Concourse D

- Target date for the TCO is 1/15/08. Schedule is not expected to be affected given there are close to 160 days of floating time on this activity.
- Fire damage repairs substantially complete.
- Four (4) construction deficiencies have been discovered affecting the headroom clearance of the stairs (which were built by the previous contractor TAAT). These conditions do not provide the minimum 6'-8" headroom clearance required by Code. Three conditions have plausible solutions that will be incorporated to remove the deficiency. However there is a condition in one flight of stairs in which the headroom clearance is 6'-4-1/2" (3-1/2" shorter than required) that would require major demolition and re-construction of one flight of stairs; and would have a major impact delay in the program if a variance by the Authorities Having Jurisdiction (AHJ) is not obtained.

Completion¹ Work

- B-C Infill - 745B (Annex # 3)
Ramp level areas 1 & 2 have been released for baggage handling equipment installation.
 - Area 3 is to be release by 1/31/08, allowing Siemens access to work over most of the ramp level. Final roof installation in progress. Exterior curtain wall installation completed. Main FPL vault completed and energized. Ramp and second level ticket counter backwalls in progress.
 - CD infill Interior Finish, 739A - Interior finish ongoing in support of the April opening of Gates 37 & 38.
 - Annex 4 has been closed. Projects 769A, 739H, 737G and 737E are substantially complete and are in the process to receive a Temporary Certificate of Occupancy. Payment to POJV for work performed has been made.

Civil/Apron Work

- Apron work ongoing in support of the April 2008, opening of gates D-37 and D-38.
- Gate D-50 apron construction is approximately 50% complete and is on schedule to support a May 2008, gate opening. Additional apron work in the BC Apron area to support the opening of Gates D-24 and D-25 in the 4th Quarter of 2008 is scheduled to begin once gate D-50 opens.

¹ The North Terminal Project construction work is comprised of several major components:

- Completion Work- this is the area between old Concourses B and C which was partially constructed under TAAT. It was left in an unfinished condition.
- BD- the area between old concourse B and D, on the "airside" of the terminal. It consists of new construction and extensive renovations to the existing terminal.
- AB- this is basically all-new construction between concourses A and B.
- TWI- this is the extensive renovation of the existing terminal area between concourses A and D.
- APM- this is the rooftop people mover system being supplied and installed by Sumitomo Corporation of America.
- BHS- this is the new automated baggage system being furnished and installed by Siemens.

- Passenger loading bridges for D-37, D-38 and D-50 have been ordered and are scheduled for delivery in February 2008 to support the scheduled gate openings.

Baggage Handling System (BHS)

- Siemens installing baggage handling equipment in Areas 1 & 2. Area 3 is scheduled to be turned over by 1/31/08. This will make available over 90% of the apron area for baggage handling equipment installation.

Automated People Mover (APM)

- MDAD and Lea Elliot have agreed on cost and schedule to complete the work. Concrete guideway for APM vehicles is substantially complete. Guideway work ongoing. Delivery of APM vehicles scheduled during the month of May 2008.

Construction Phasing/Scoping

- Concourse A closed in November 2007 and POJV has begun work to capture the entire Concourse as a Landside Worksite Construction Area.
 - A new traffic plan has been devised that will avoid the need to build the construction access road. This new traffic plan has minimized the work necessary to allow contractor access to the new Landside Worksite Construction Area around Concourse A.
 - A Landside Worksite Parking Plans has also been approved to allow the construction force on site parking in order to minimize offsite bussing.

North Terminal Claims Status Report (as of 12/28/07)

All Claims Summary

- **Subtotal of Settlements:** 190 Claims, Submitted at \$122 M, Settled for \$55.8 M
- **Subtotal of Pending Offers:** 29 Claims, Submitted at \$10.2 M, Offered at \$1.8 M
- **Closed Claims:** 124 Claims, Submitted at \$30.5 M, Closed for \$0.00
- **Pending Claims:** 1 Claim, Submitted at \$66,457.00
- **Grand Totals:** 344 Claims, Submitted at \$162.8 M, Settled for \$55.8, Offers Outstanding \$1.8 M

CSBE Summary

- **Subtotal of Settlements:** 27 Claims, Submitted at \$3.5 M, Settled for \$2.4 M
- **Subtotal of Pending Offers:** 2 Claims, Submitted at \$20.4 K, Offered at \$10 K
- **Closed Claims:** 7 Claims, Submitted at \$2.1 M, Closed for \$0.00
- **Pending Claims:** 0 Claims Pending
- **Grand Totals:** 36 Claims, Submitted at \$5.7 M, Settled for \$2.4 M, Offers Outstanding \$10 K

SOUTH TERMINAL PROGRAM

Construction Status

- Airline relocations into the South Terminal have continued to occur within the reporting period, completing 16 of the 19 planned airline relocations into Concourses H & J. Further operating issues encountered on the baggage system continue to impact the final airline relocations. The airlines are all on-board and appreciate our concern for their operation. All relocations from Concourse A have been completed, which has removed the inter-dependency with the North

Terminal construction works. Continental is scheduled to move by mid-January. Aero Mexico and El Al are not scheduled to move till March 2008.

- Contractor continues to focus efforts on the completion of the remaining elevators, escalators and moving walks, AHJ items and finishes.
- Punchlist inspections are progressing. B312A Concourse J has 4420 total punch list items, all of which have been approved by the A/E. Physical completion / sign-off of these items have been underway for 2.5 months and to date, approximately 2687 items have been completed / signed off (61%). South Terminal (B313A & A155A/S) has identified approximately +/- 10,500 punch list items, a majority of which have been approved by the A/E's. Minimal effort has been made to date to work off the South Terminal punch list and thus far no items have been requested to be signed off within B313A and A155A/S. The contractor is required by contract to complete all items within 90 days after substantial completion is granted. Additional punch list identification for B313A is still on-going and we anticipate substantial completion in the next 30-45 days.

Current Issues

- Significant list of Building and Fire Department comments as well as remaining base contract work is pending in order to maintain TCO status and obtain final CO's. A change order to the MDAD/Honeywell contract is needed in order to complete these items. This change order is being processed for BCC approval in early February.
- There remains a concern with the contractors providing proper staffing on the project in order to complete all the remaining work. Some of the sub-contractors as well as POJV are shifting personnel to other airport projects, like North Terminal.
- The contractor continues to submit the South Terminal Overall Progress Schedule (OPS); however, this schedule submission is essentially a commercial entitlement schedule. POJV has requested substantial completion in late Aug 2007, which initiated the Punch List process. The POJV Commissioning Schedule, which is currently independent of the OPS submission, reflects a completion date in April 2008.
- POJV has forwarded to MDAD copies of letters and attachments from its Trade Contractors regarding claims to POJV for time extensions and additional compensation in the amount of \$135 million for events occurring from May 5, 2006, to present. POJV is required to evaluate its Trade Contractors' claims and certify to MDAD any resulting claim in accordance with County requirements as soon as possible for resolution. POJV has slipped on their schedule to complete their evaluation from October 2007 to February 15, 2008. POJV is submitting periodic updates on their progress by way of partial claims analysis. MDAD has advised POJV that they will only enter into negotiations upon receiving its final certified claims.

Summary

Sixteen airlines have been relocated into the South Terminal concourses H & J to date. Continued focus will be required in order to complete the remaining airline relocations by the end of March 2008, and to complete the remaining portions of the facility for Substantial Completion. Contractor must provide further emphasis on their subcontractors, with productivity and craft staffing being essential requirements to complete all remaining work. A new work order process for Non-POJV scope has been initiated to manage the completion of outstanding scope items not currently in POJV's scope, many of which have been identified through the AHJ TCO process.



Assistant County Manager